20870 24T500T

100

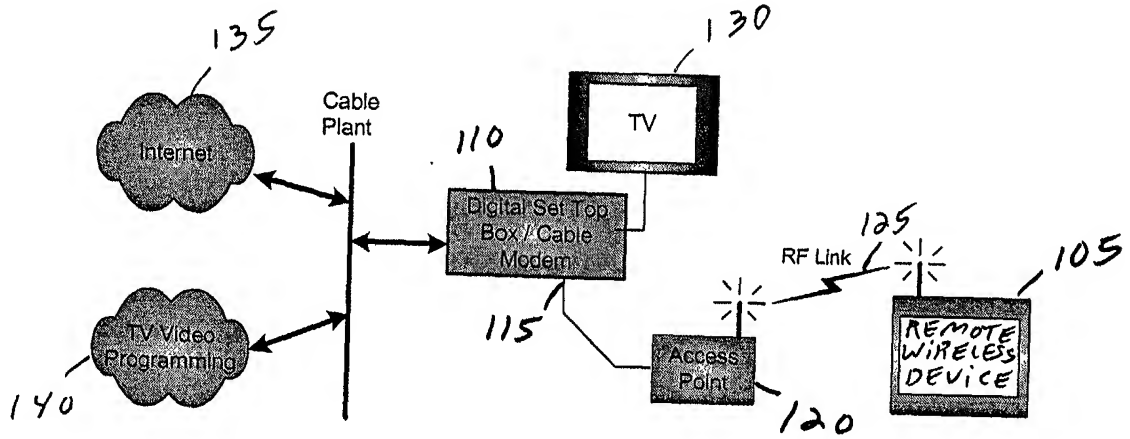


FIG. 1
(PRIOR ART)

Title: Remote Wireless Device with EPG Display . . . Buttons
Inventors: Barry P. Falvo et al.
Attorney Docket No. 10622-10US Cust. No. 570
Express Mail Label No. EL631610079US

Title: Remote Wireless Device with EPG Display . . . Buttons
Inventors: Barry P. Falvo et al.
Attorney Docket No. 10622-10US Cust. No. 570
Express Mail Label No. EL631610079US

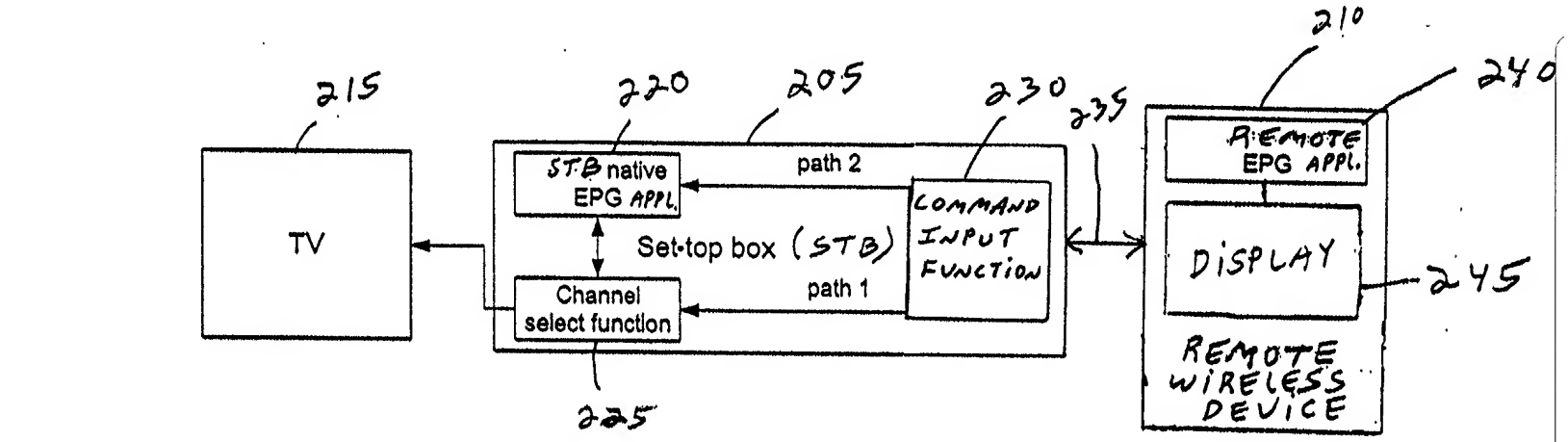
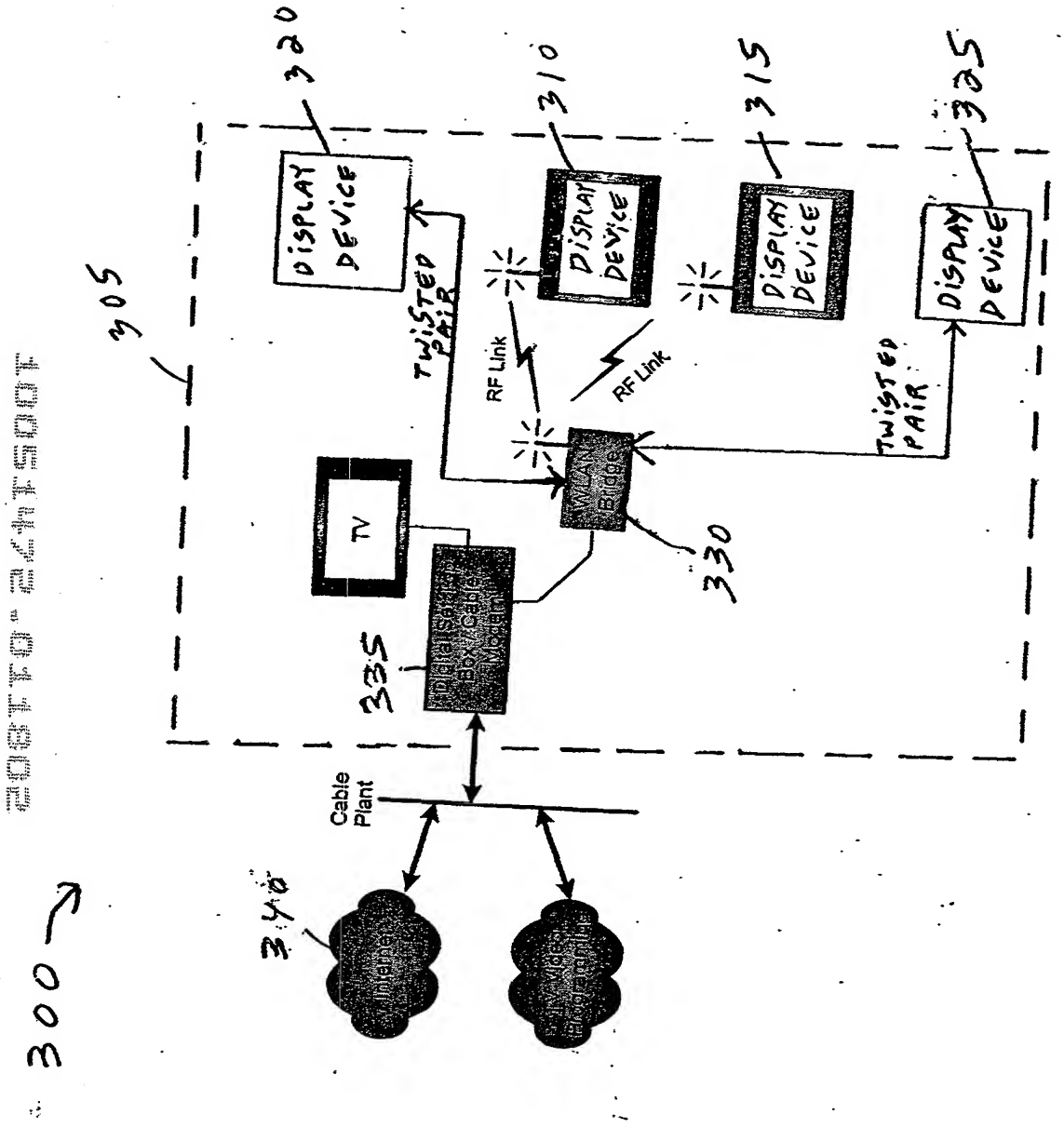


FIG. 2

FIG. 3


300
305
320
310
315
325
DISPLAY DEVICE
DISPLAY DEVICE
DISPLAY DEVICE
DISPLAY DEVICE
TWISTED PAIR
RF Link
RF Link
TWISTED PAIR
TV
Bridge
330
335
Cable Plant
340
Internet

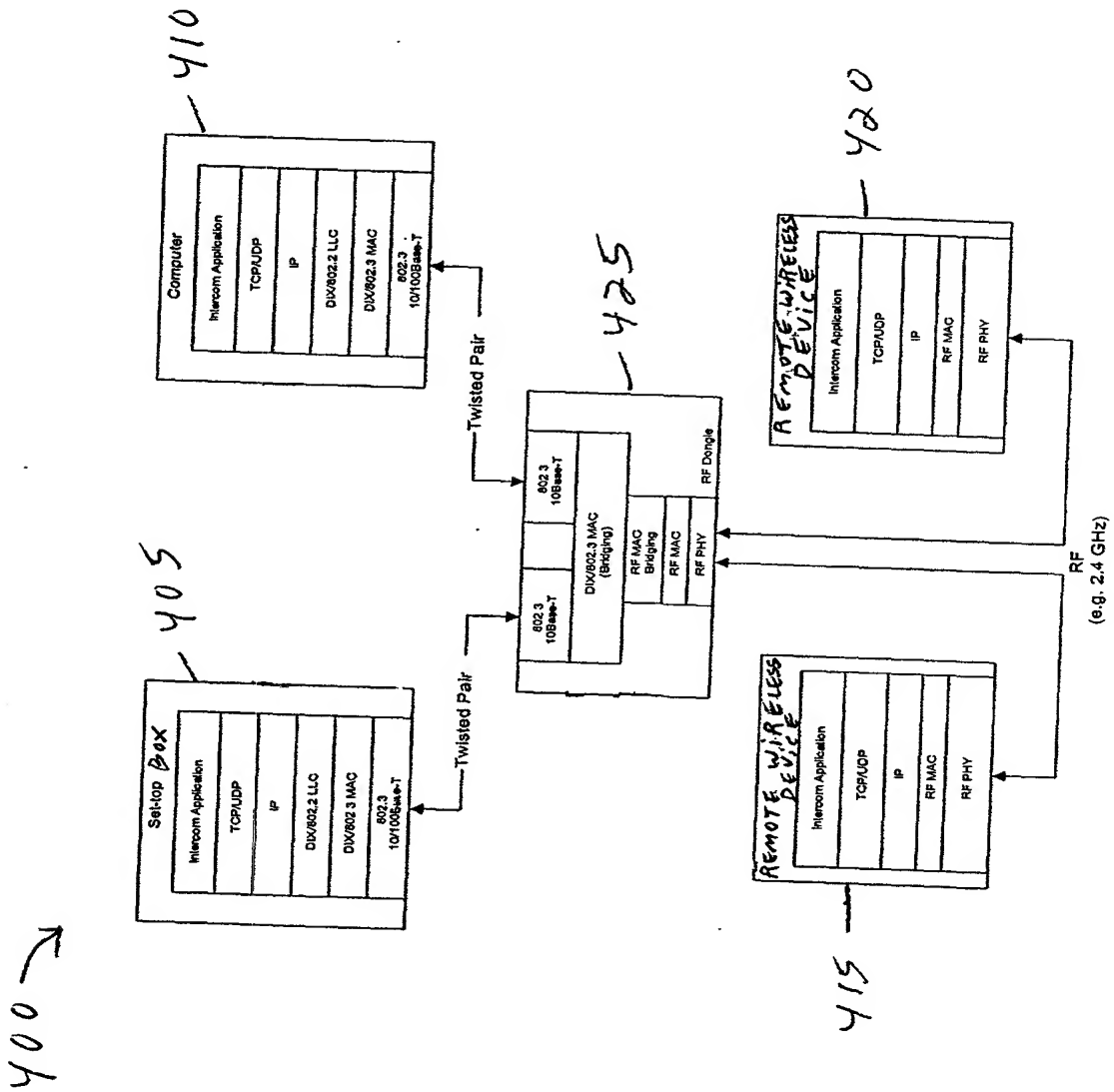

400
410
Computer
Intercom Application
TCP/UDP
IP
DIX/802.2 LLC
DIX/802.3 MAC
802.3 10/100Base-T
Twisted Pair
425
RF Dongle
802.3 10Base-T
DIX/802.3 MAC (Bridging)
RF MAC Bridging
RF MAC
RF PHY
405
Set-top Box
Intercom Application
TCP/UDP
IP
DIX/802.2 LLC
DIX/802.3 MAC
802.3 10/100Base-T
Twisted Pair
420
REMOTE WIRELESS DEVICE
Intercom Application
TCP/UDP
IP
RF MAC
RF PHY
RF
(e.g. 2.4 GHz)
415
REMOTE WIRELESS DEVICE
Intercom Application
TCP/UDP
IP
RF MAC
RF PHY

FIG. 4

COPY PROVIDED BY USPTO

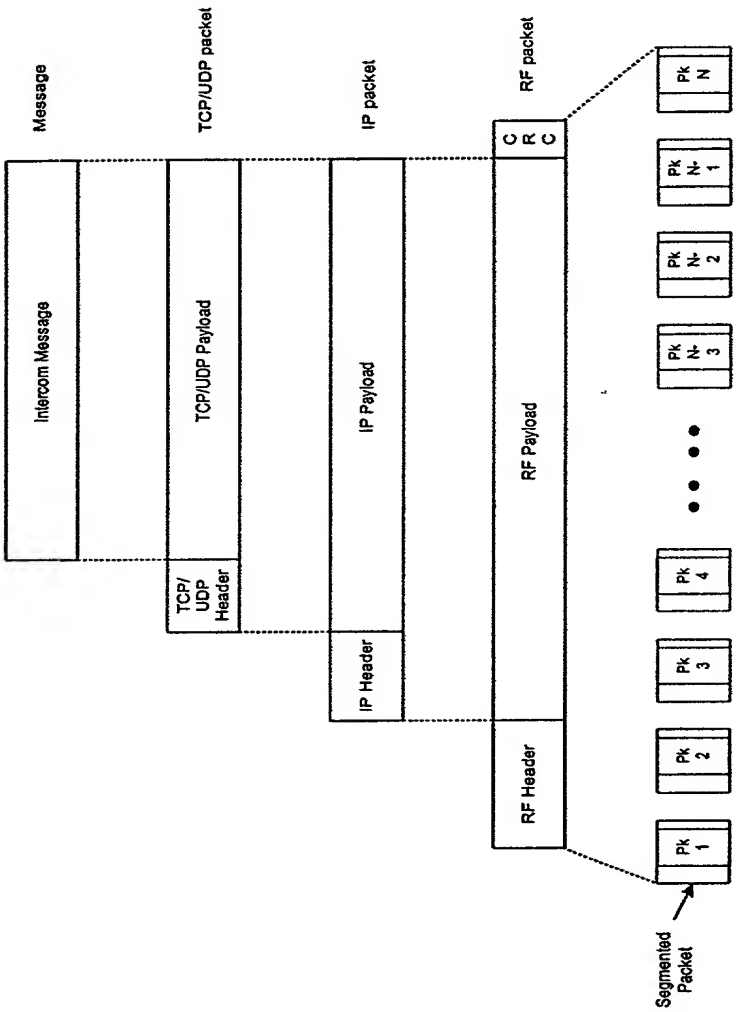


FIG. 5

20870 24T500T

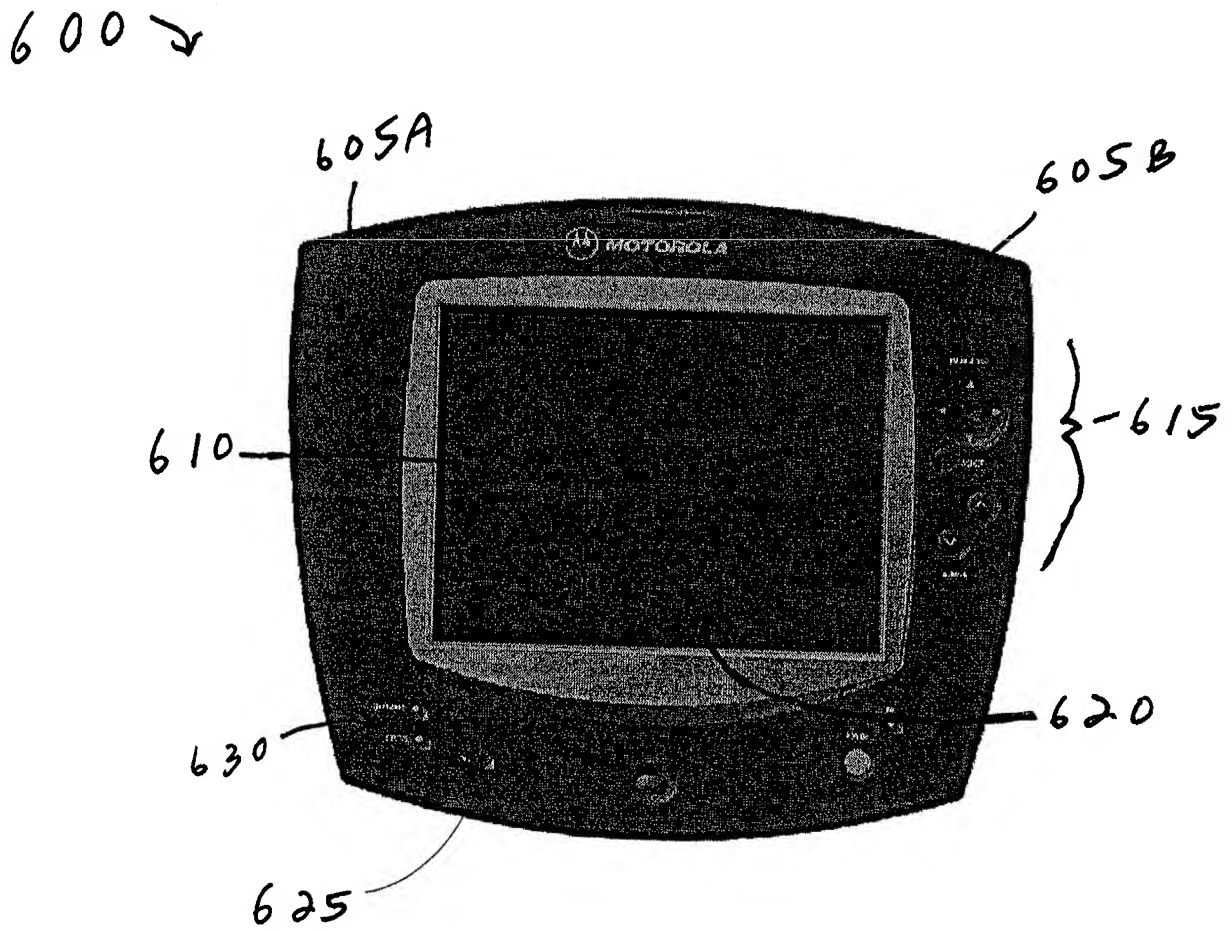


FIG. 6

Title: Remote Wireless Device with EPG Display . . . Buttons
Inventors: Barry P. Falvo et al.
Attorney Docket No. 10622-10US Cust. No. 570
Express Mail Label No. EL631610079US

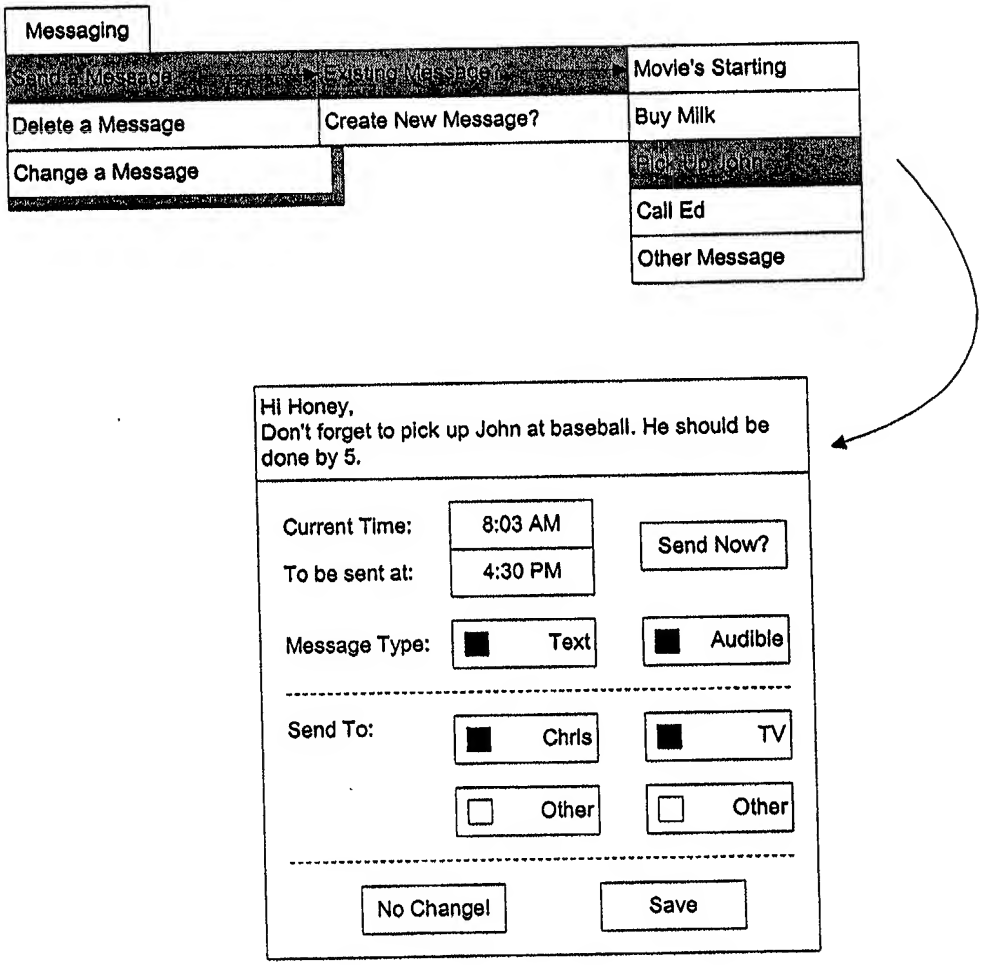


FIG. 7

Title: Remote Wireless Device with EPG Display . . . Buttons
Inventors: Barry P Falvo et al
Attorney Docket No. 10622-10US Cust. No. 570
Express Mail Label No. EL631610079US

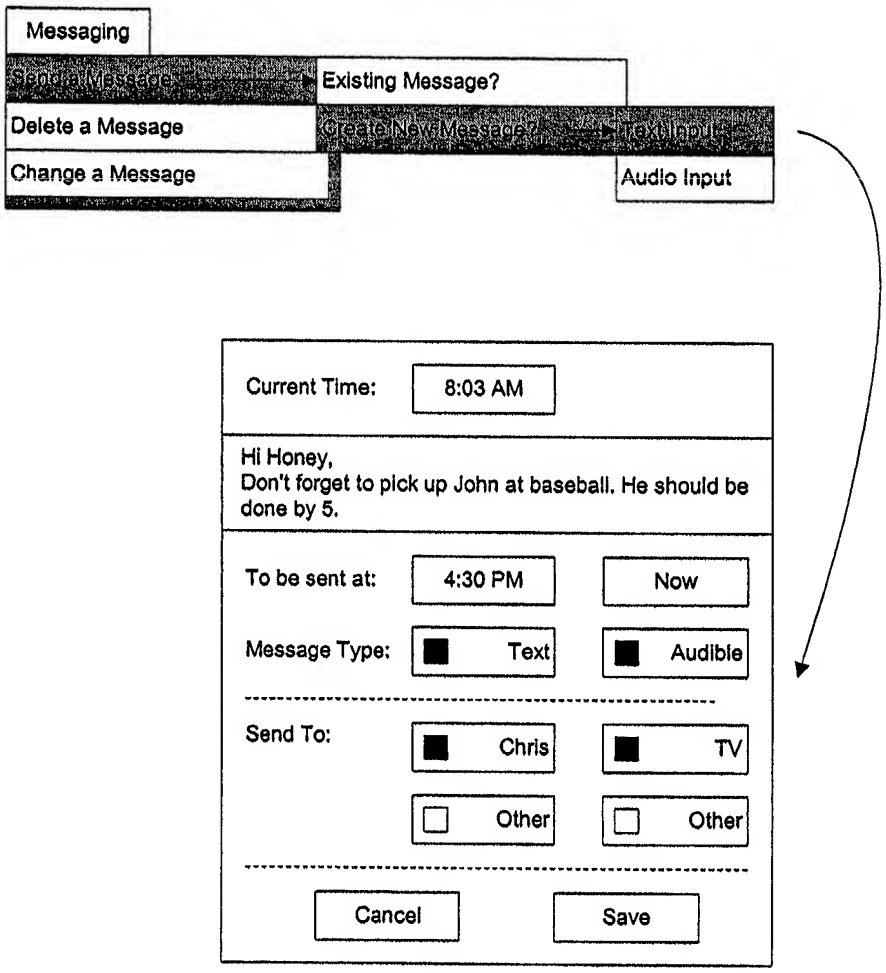
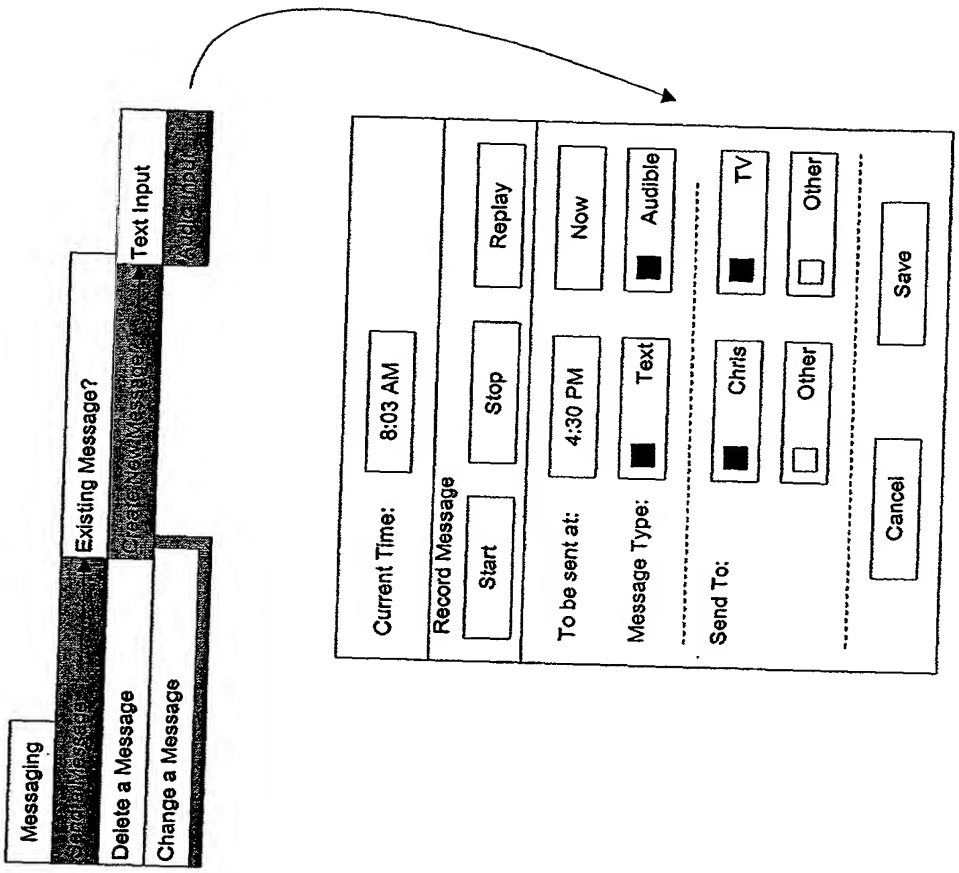

Messaging
Existing Message?
Delete a Message
Create New Message?
Text Input
Change a Message
Audio Input
Current Time:
8:03 AM
Hi Honey,
Don't forget to pick up John at baseball. He should be done by 5.
To be sent at:
4:30 PM
Now
Message Type:
Text
Audible
Send To:
Chris
TV
Other
Other
Cancel
Save

FIG. 8

FIG. 9


Messaging
Check Messages
Existing Message?
Delete a Message
Create New Message
Change a Message
Text Input
Audio Input
Current Time:
8:03 AM
Record Message
Start
Stop
Replay
To be sent at:
4:30 PM
Now
Message Type:
Text
Audible
Send To:
Chris
Other
TV
Other
Cancel
Save

20STTO" 24TSOOT

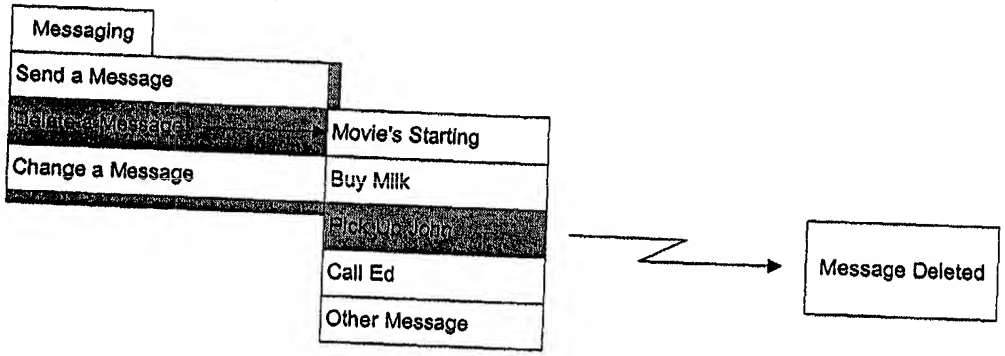
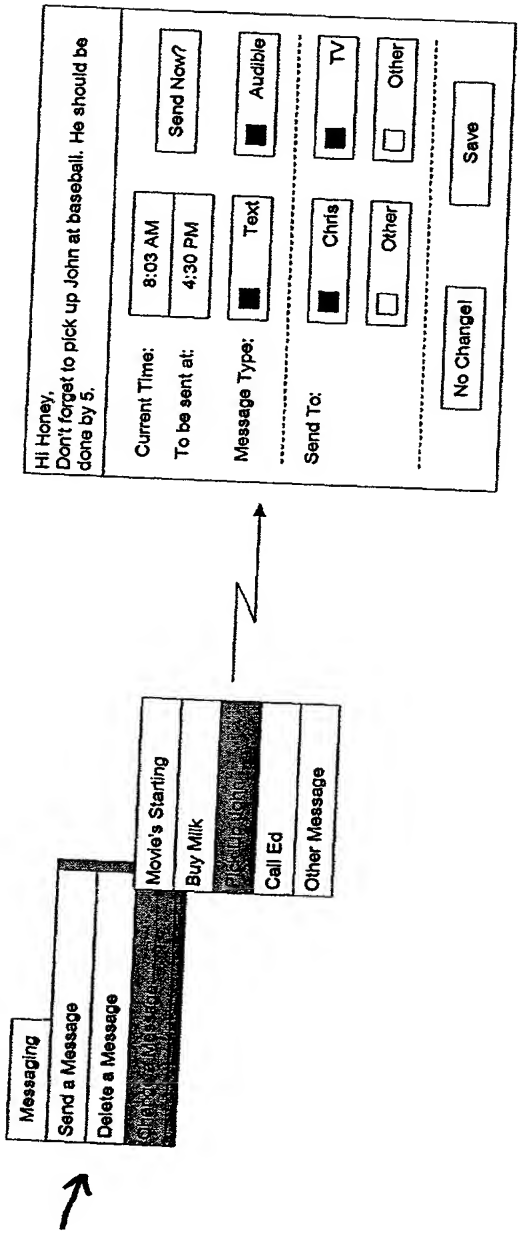


FIG. 10

Title: Remote Wireless Device with EPG Display . . . Buttons
Inventors: Barry P. Falvo et al.
Attorney Docket No. 10622-10US Cust. No. 570
Express Mail Label No. EL631610079US

FIG. 11


Messaging
Send a Message
Delete a Message
Movie's Starting
Buy Milk
Call Ed
Other Message
Hi Honey,
Don't forget to pick up John at baseball. He should be done by 5.
Current Time:
To be sent at:
8:03 AM
4:30 PM
Send Now?
Message Type:
Text
Audible
Send To:
Chris
Other
TV
Other
No Change!
Save

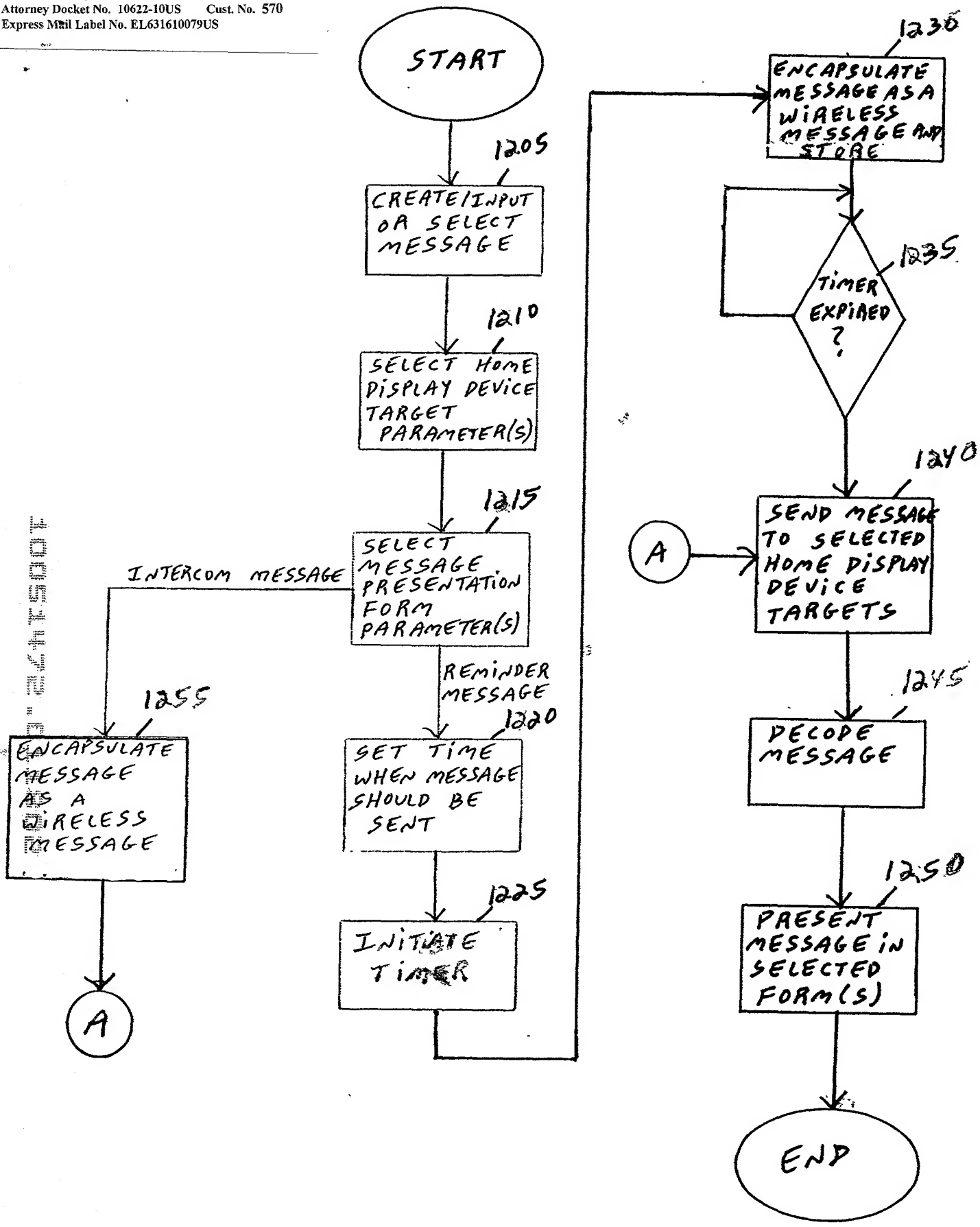

START
1205
CREATE/INPUT OR SELECT MESSAGE
1210
SELECT HOME DISPLAY DEVICE TARGET PARAMETER(S)
1215
SELECT MESSAGE PRESENTATION FORM PARAMETER(S)
INTERCOM MESSAGE
REMINDER MESSAGE
1255
ENCAPSULATE MESSAGE AS A WIRELESS MESSAGE
A
1220
SET TIME WHEN MESSAGE SHOULD BE SENT
1225
INITIATE TIMER
1230
ENCAPSULATE MESSAGE AS A WIRELESS MESSAGE AND STORE
1235
TIMER EXPIRED ?
A
1240
SEND MESSAGE TO SELECTED HOME DISPLAY DEVICE TARGETS
1245
DECODE MESSAGE
1250
PRESENT MESSAGE IN SELECTED FORM(S)
END

FIG. 12